

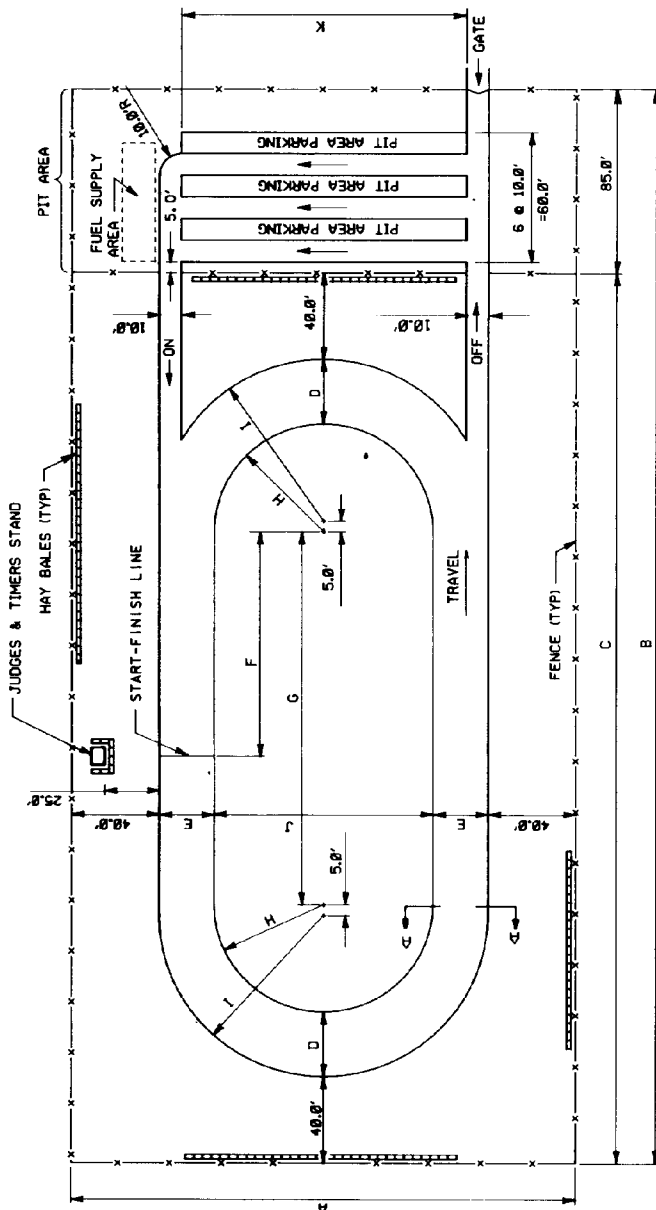
## APPENDIX F

### MOTOR SPORTS

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#### **F-1. Go kart (oval track) (see fig F-1)**

- a. Source of information.* International Kart Federation, Inc. (IKF).
- b. Recommended area.* Ground area varies from 2.0 to 2.7 acres.
- c. Size and dimension.* Specific track layout data are given in figure F-1. Track surface width in a turn should be a minimum of 5 feet wider than straightaway width.
- d. Orientation.* The track should be located so that the long axis points roughly north-south. The start-finish line should be located so that karts cross the line traveling north.
- e. Surface and drainage.*
  - (1) Track surfaces can be asphalt, concrete or dirt graded to a smooth surface, free of holes and rough spots. Gravel surfaces are not permitted. Banked turns are permitted, but flat tracks with no banked turns are strongly recommended.
  - (2) Inlets and underground pipes are normally needed to drain the inside of oval.
- f. Special considerations.*
  - (1) A 35-foot minimum width safety apron should be maintained around entire track on all sides. This area must be free of ditches, holes, trees and all other obstacles. Safety apron should be loose dirt graded flat or with a maximum 2 percent slope for drainage.
  - (2) If a paved track is used, the pit area should be paved also.



## GO KART OVAL TRACK LAYOUT

OVAL TRACK LAYOUT DATA (ALL DIMENSIONS IN FEET)												
TRACK LENGTH	A	B	C	D	E	F	G	H	I	J	K	
1/12 MILE OVAL	210	415.1	330.1	35	30	66.00	110.1	35	65	70	110	
1/10 MILE OVAL	210	443.4	358.4	30	25	83.04	138.4	40	65	80	110	
1/8 MILE OVAL	230	498.0	413.0	30	25	103.80	173.0	50	75	100	130	

**NOTES:**

See figure F-2 for SECTION A-A.

IKF recommends a track length of at least  $\frac{1}{8}$  mile for national competition.

Protective hay bales shall be placed 2' away from fences and judges stand.

Track length measurement shall be along the inside edge of track:-

A maximum grade of 10% is permitted in direction of travel.

Track, pit, and spectator area shall each be separated by a fence.

The layout in this figure and in figure F-2 are suggested. For more layouts and safety information, contact IKF.

*Figure F-1. Go kart (oval track).*

**F-2. Go kart (road track) (see fig F-2)**

- a. Source of information.* International Kart Federation, Inc. (IKF).
- b. Recommended area.* Ground space is approximately 5.5 acres.
- c. Size and dimension.* Track surface width in an oval turn should be a minimum of 5 feet wider than straightaway track width.
- d. Orientation.* The track long axis will point north-south. Kart will cross start-finish line traveling north.
- e. Surface and drainage.* Track surfaces may be asphalt, concrete or dirt graded to a smooth surface, free of holes and rough spots. Gravel surfaces are not permitted. Banked turns are permitted, but flat tracks with no banked turns are strongly recommended. Inlets and underground pipes are required for draining the inside of track.
- f. Special considerations.*
  - (1) A 35-foot (minimum width) safety apron will be maintained around entire track on all sides. This area must be free of ditches, holes, trees and all other obstacles. Safety apron will be loose dirt graded flat or with a maximum of 2 percent slope for drainage.
  - (2) When a paved track is used, the pit area will be paved also.

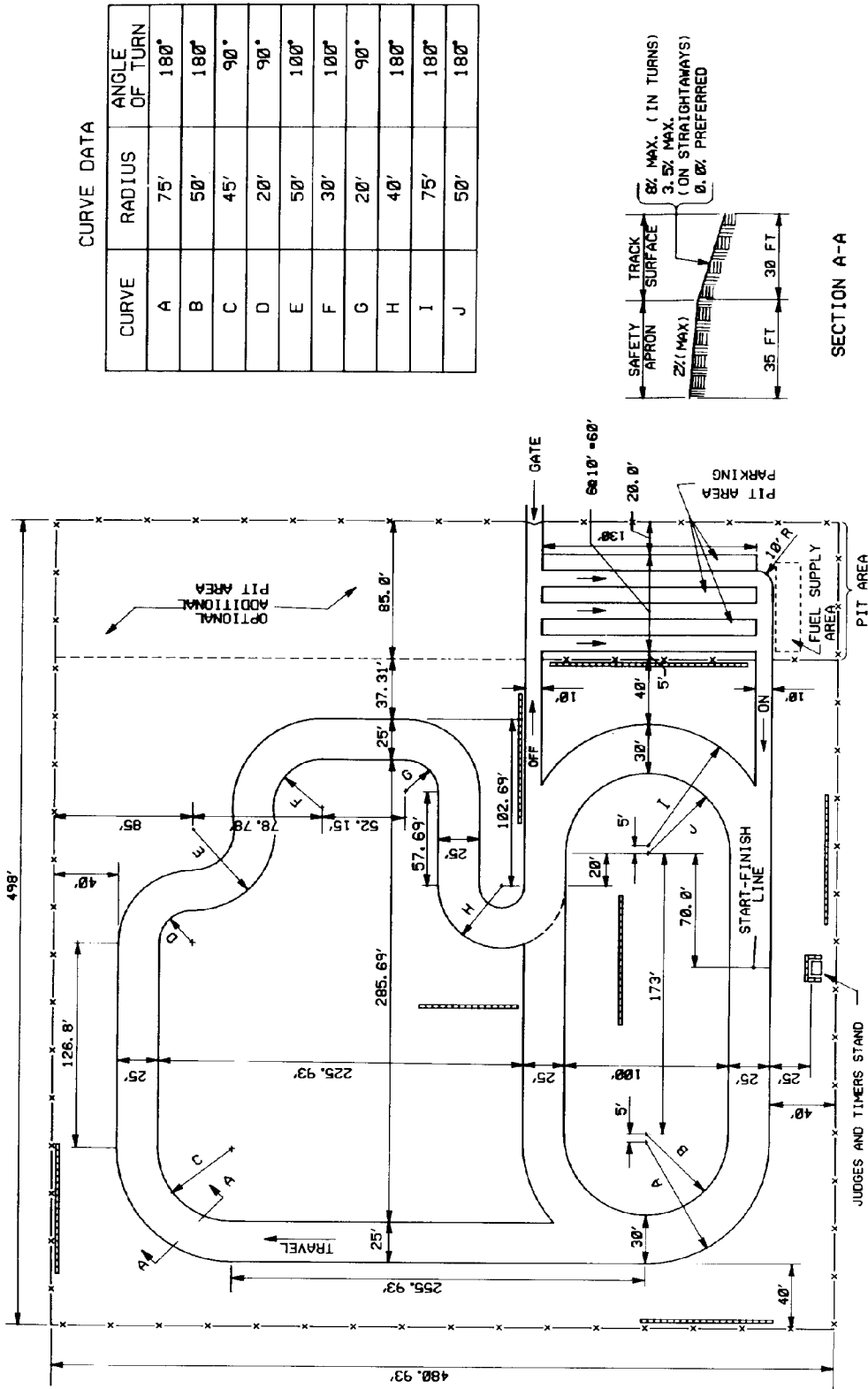


Figure F-2. Go kart (road track).